Javascript

* Weakly typed language
  + No explicit type assignment
  + Data type can be switched dynamically
* Object oriented language
  + Data can be organized in local objects
  + Primitive and reference type
* Versatile language
  + Run in browser & directly on a PC/servers
  + Can form a board variety of task

1. **Core Javascript**a. variable : var <identifier> = value; **OR** let <identifier> = value;  
    **eg:** var name = ‘samar’; let age = 20; var isMale = true;  
     
   b. constants : const <identifier> = value;  
     
   c. functions : function <identifier> (parameters){} **OR**  
    const <identifier> = function(parameters){} **OR**  
    const <identifier> = (parameters) =>{}  
     
    **eg:** function printName(name){console.log(name);}
2. **Reference vs Primitive Values**Primitives values : string, number, Boolean, undefined, null  
   Data that store in **stack** are primitive values  
     
   Reference values : objects(map, array)  
   Data that store in **heap** are primitive values